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(71) Applicant (for all designated States except US): **ADVANCED GEL TECHNOLOGY LIMITED** [GB/GB];
Unit 41 Campus Road, Listerhills Science Park, Bradford
BD7 1HR (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CRABTREE, Michael, John** [GB/GB]; 47 Haddington Road, Whitley Bay, Tyne & Wear NE25 9XE (GB). **FLETCHER, Philip** [GB/GB]; 31 Worcester Avenue, Hardwick, Cambridgeshire CB3 7XG (GB).

(74) Agents: **NEIL, Alastair, William et al.**; Appleyard Lees,
15 Clare Road, Halifax HX1 2HY (GB).

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(54) Title: **FRACTURING OF SUBTERRANEAN FORMATIONS**

(57) Abstract: Fracturing of a subterranean formation may be achieved using hydrogel. The gel is formed from a gel precursor formulation which comprises an aqueous formulation of poly (1,4-di(4-(N-methylpyridinyl))-2,3-di(4-(1-formylphenyl) butylidene), poly (vinyl alcohol) and a suitable proppant, in the presence of an acid catalyst. The gel may be prepared at the surface with a viscosity of greater than (200) cp measured at (100)s⁻¹ and then injected into the subterranean formation under high pressure to fracture the formation.



WO 2005/040553 A1